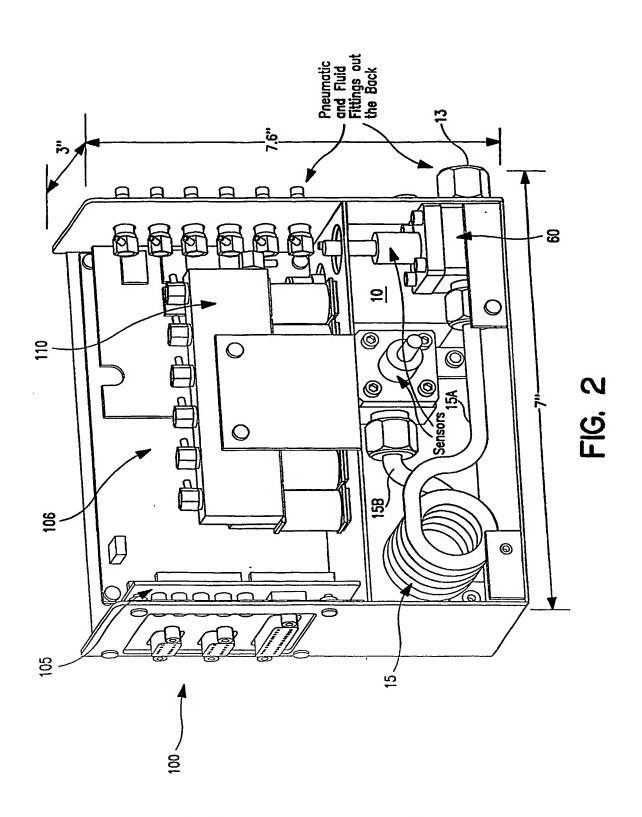
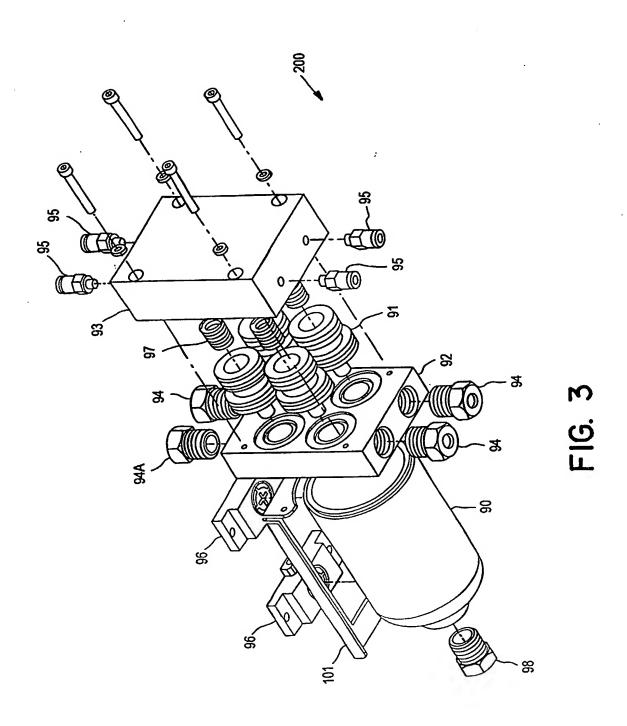
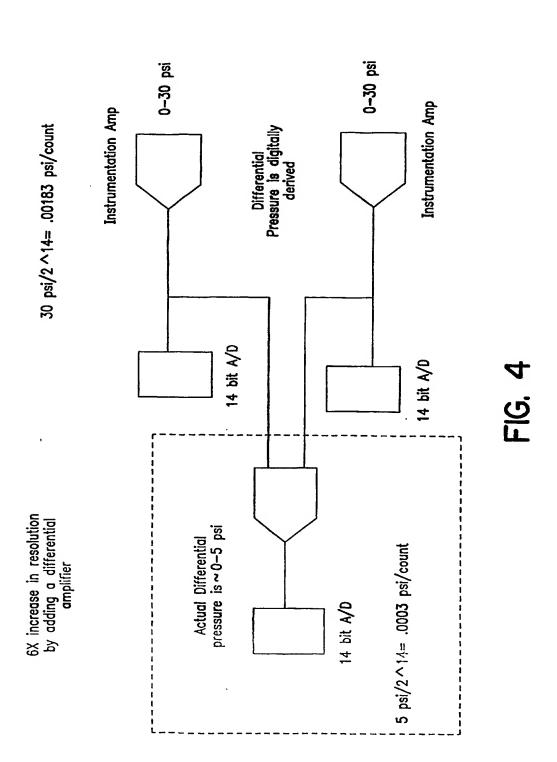


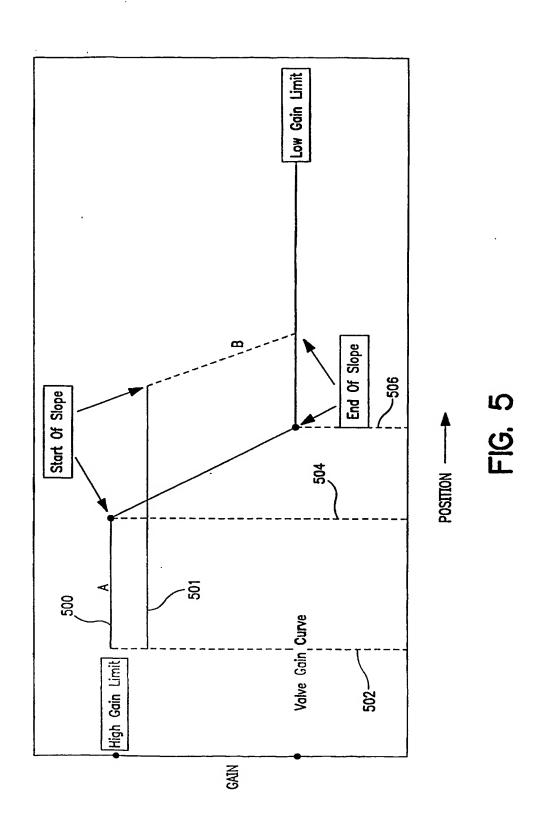
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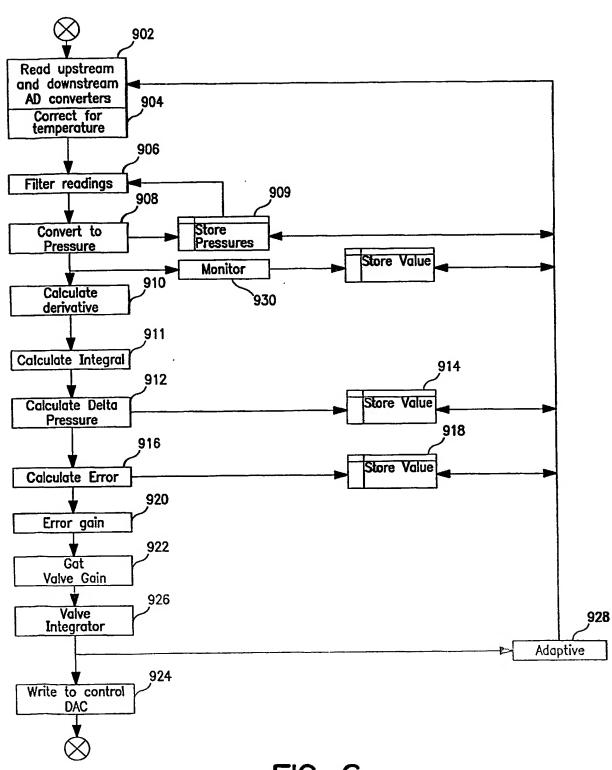
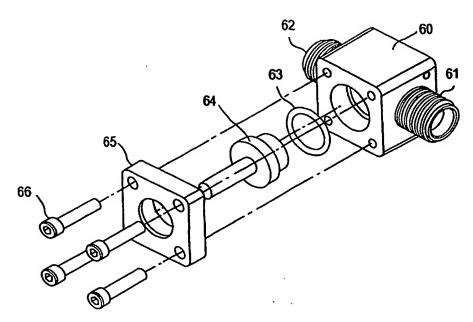
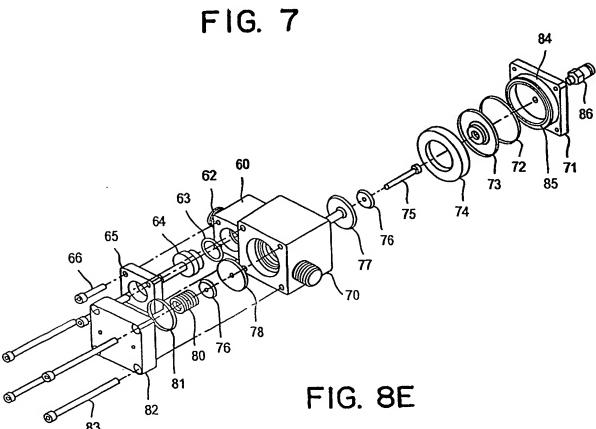
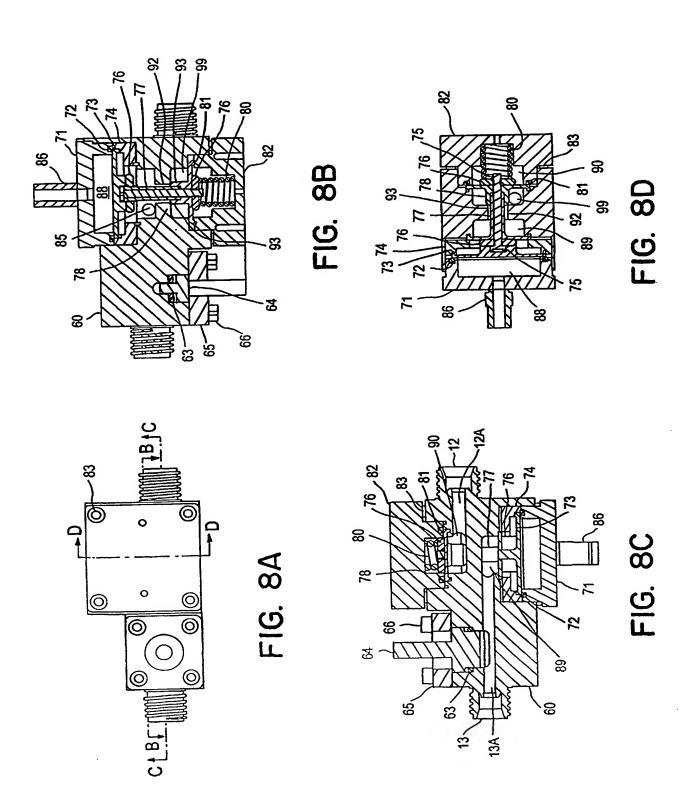


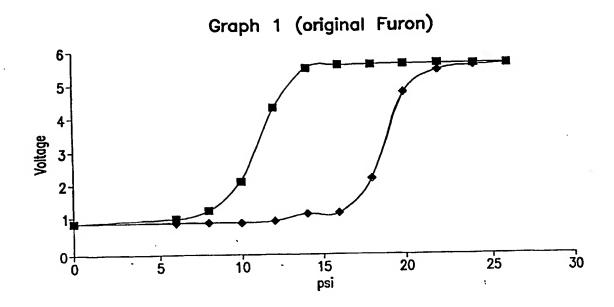
FIG. 6

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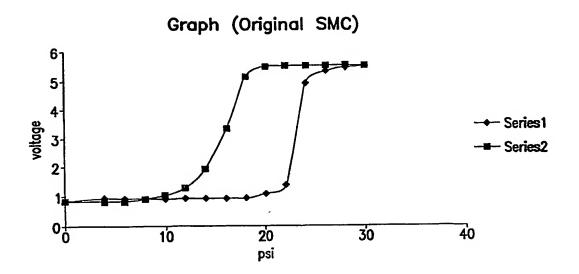




psi	pd1	pd2	
	0 '	0.92	0.92
	6	0.92	1.04
	8	0.92	1.28
	10	0.92	2.12
	12	0.96	4.28
	14	1.16	5.44
	16	1.18	5.52
	18	2.16	5.52
	20	4.68	5.52
	22	5.32	5.52
	24	5.48	5.52
	26	5.52	5.52

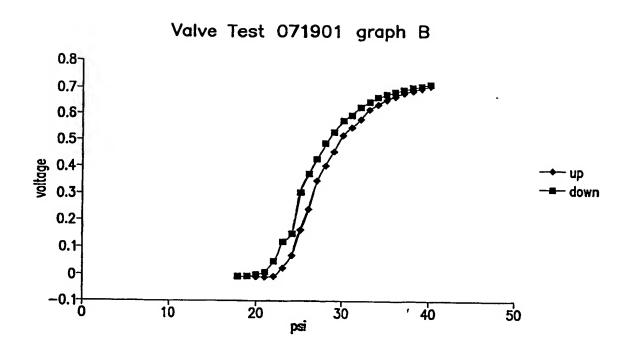
FIG. 9A





psi		psi	psi
•	0	0.88	0.84
	4	0.92	0.84
	6	0.92	0.84
	8	0.92	0.92
	10	0.92	1.04
	12	0.92	1.28
	14	0.92	1.92
	16	0.92	3.32
	18	0.92	5.12
	20	1.08	5.44
	22	1.36	5.48
	24	4.88	5.48
	26	5.28	5.48
	28	5.44	5.48
	30	5.48	5.48

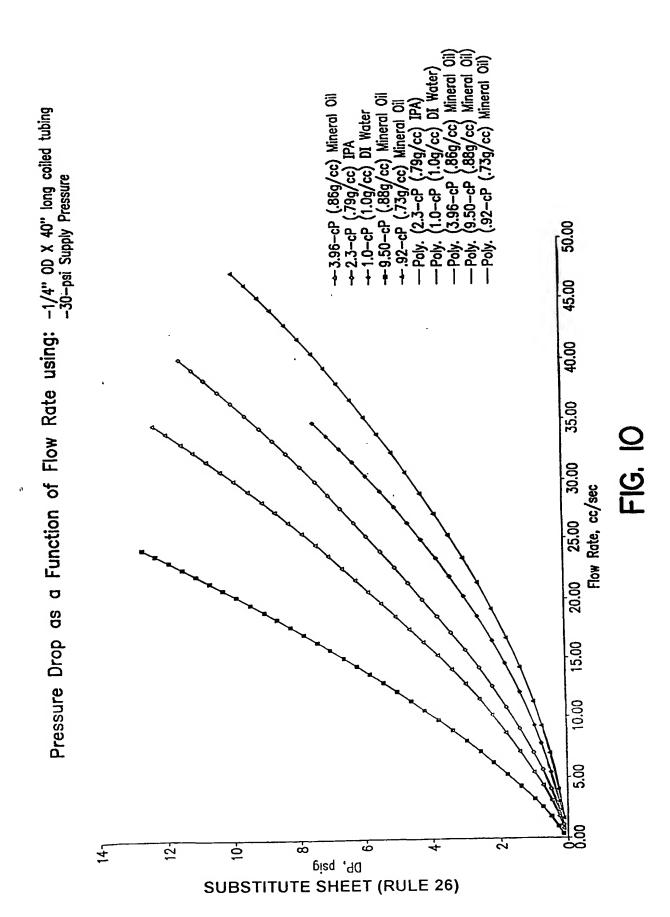
FIG. 9B

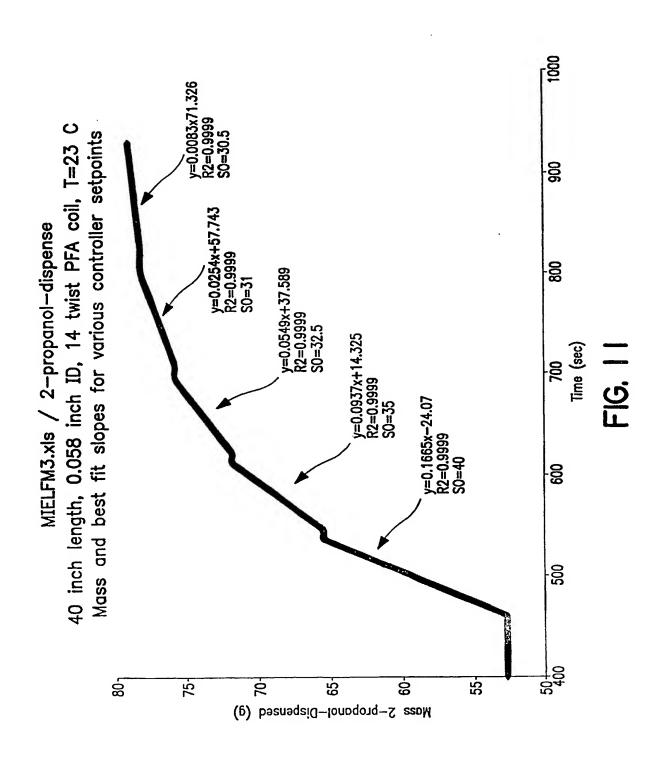


hyresistor valve test				
psi	up	down		
18	-0.011	-0.01		
19	-0. 011	-0.009		
20	-0.011	-0.004		
21	-0.011	0.005		
22	-0.008	0.046		
23	0.022	0.117		
24	0.068	0.146		
25	0.163	0.3		
26	0.24	0.369		
27	0.342	0.422		
28	0.4	0.482		
29	0.45	0.524		
30	0.512	0.568		
31	0.542	0.588		
32	0.572	0.617		
33	0.608	0.636		
34	0.625	0.654		
35	0.643	0.664		
36	0.656	0.672		
37	0.67	0.68		
38	0.678	0.688		
39	0.688	0.692		
40	0.695	0.7		

FIG. 9C

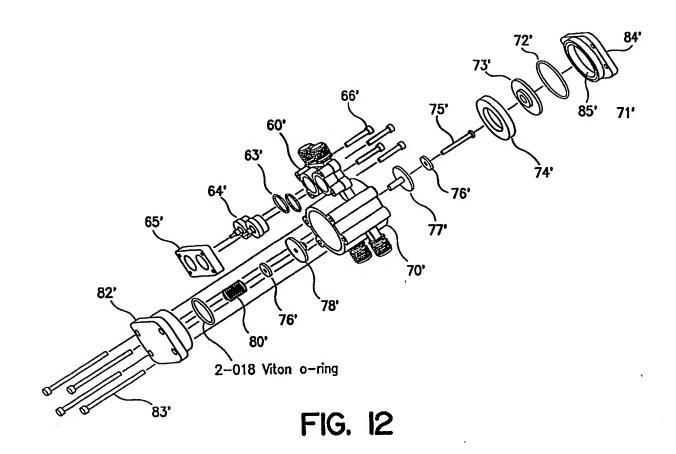
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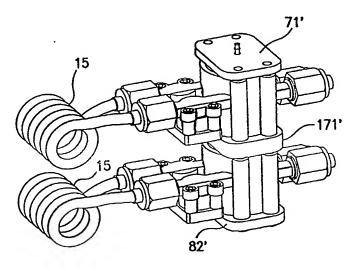
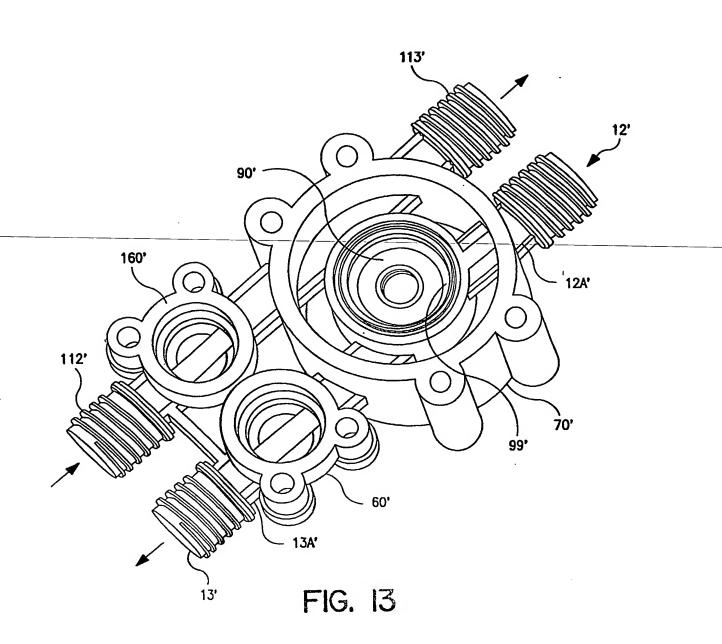


FIG. 15
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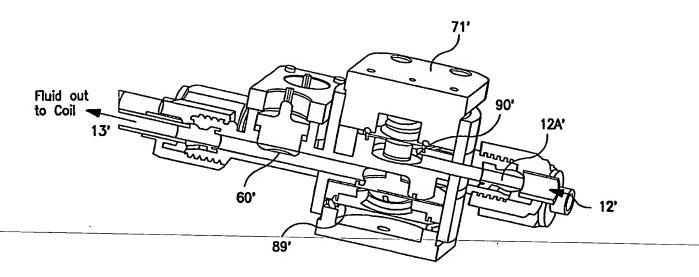


FIG. 14A

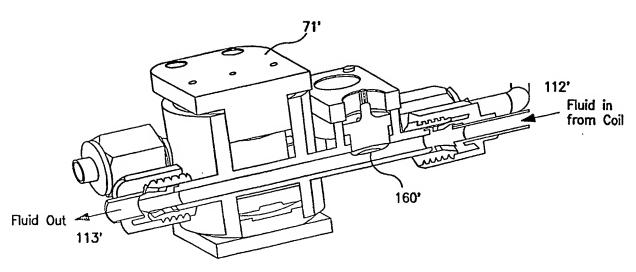
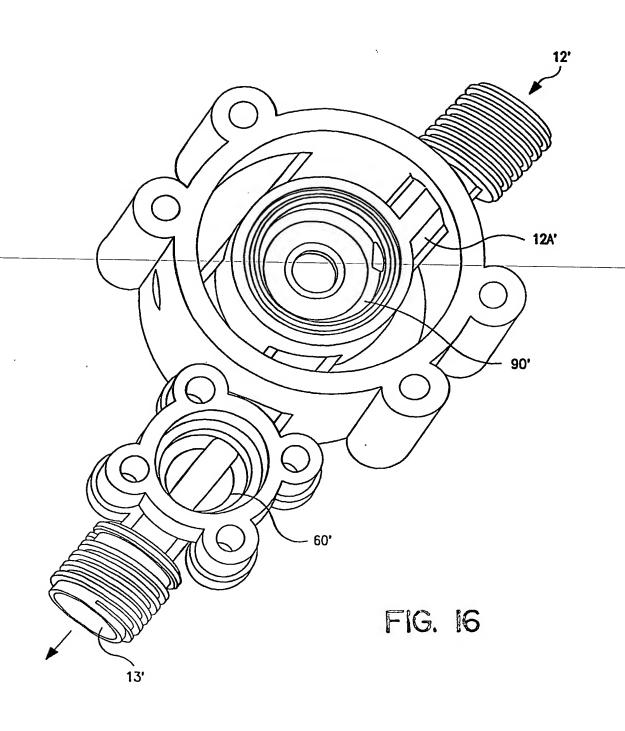


FIG. 14B



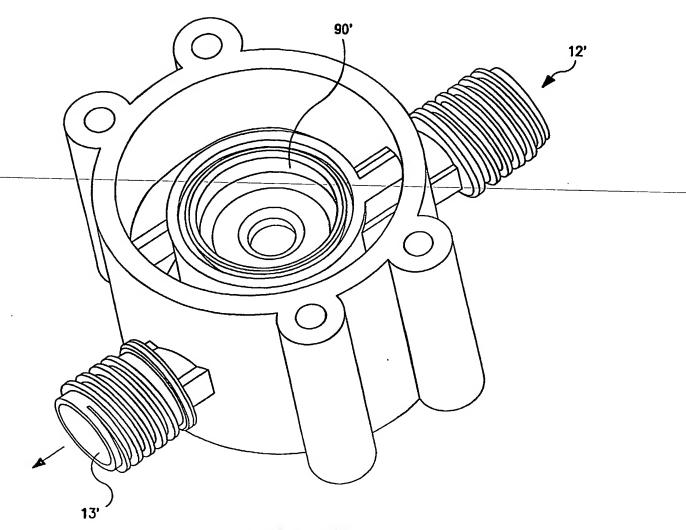
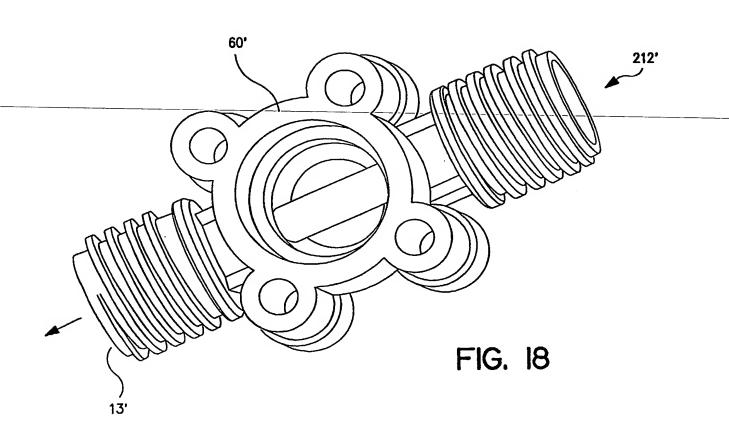


FIG. 17



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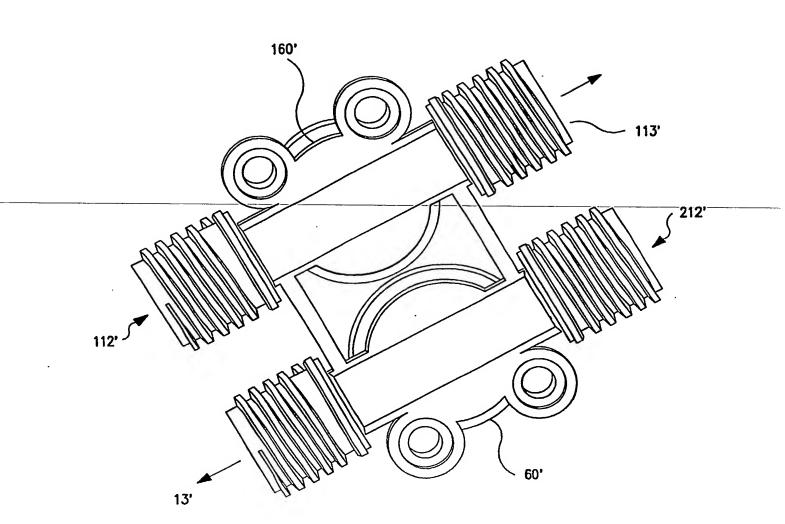


FIG. 19

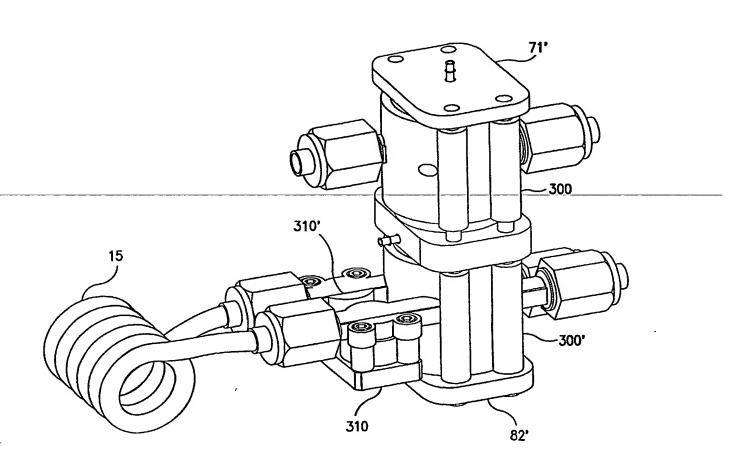


FIG. 20

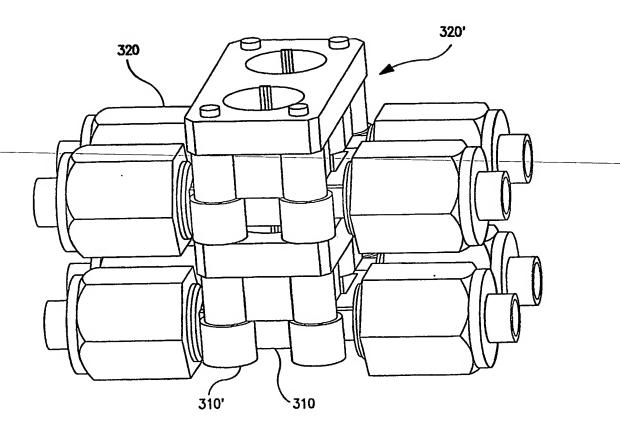


FIG. 21

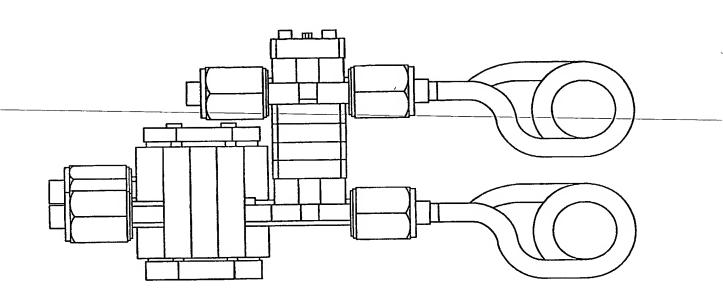


FIG. 22

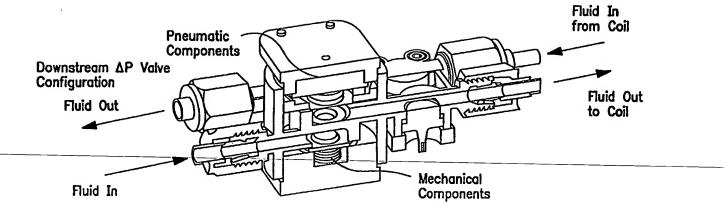


FIG. 23A

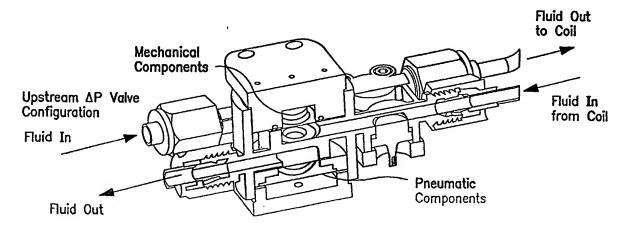


FIG. 23B

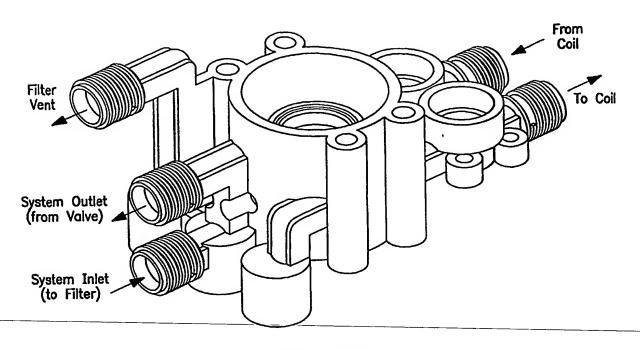


FIG. 24A

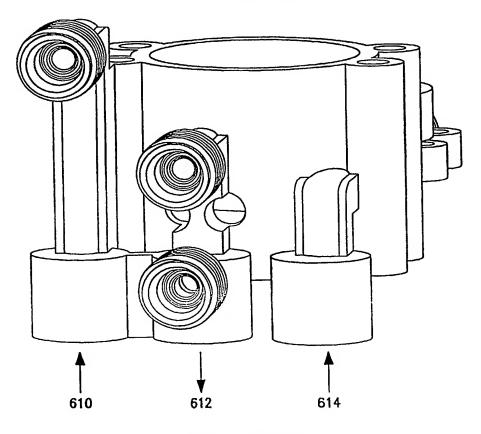


FIG. 24B SUBSTITUTE SHEET (RULE 26)

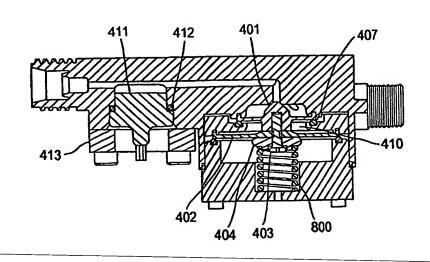


FIG. 25A

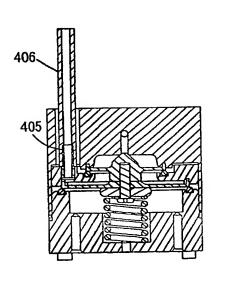


FIG. 25B

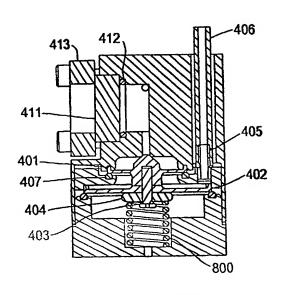
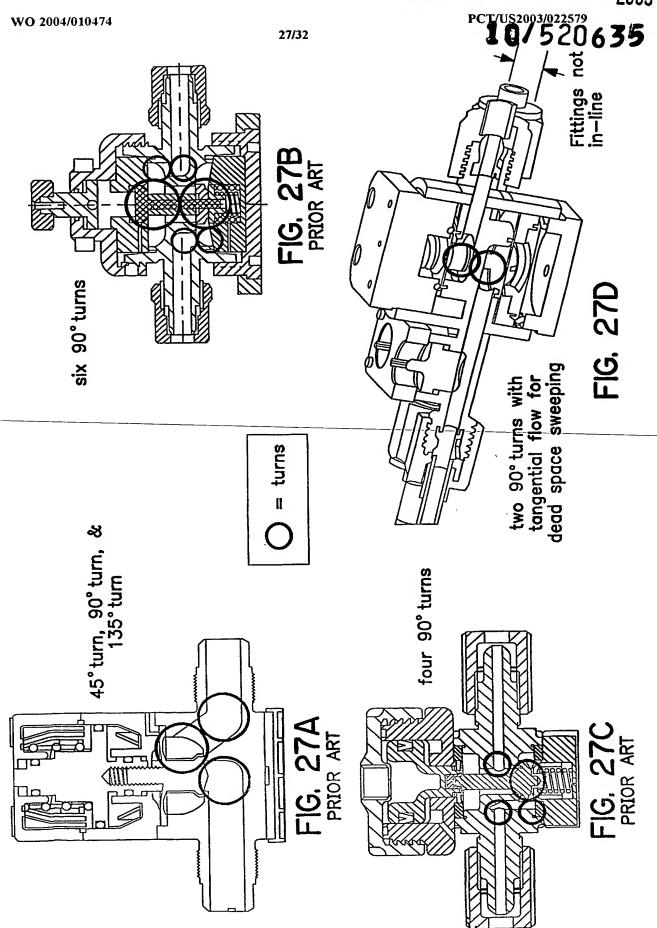


FIG. 26

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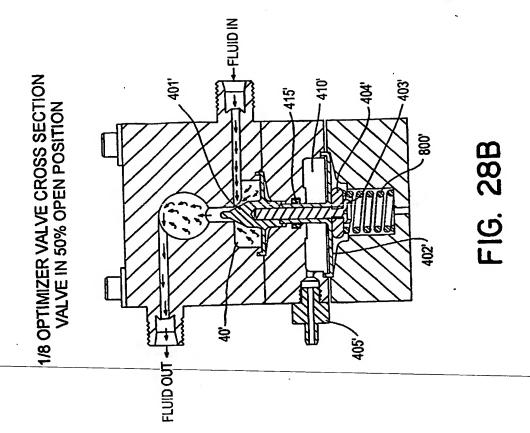


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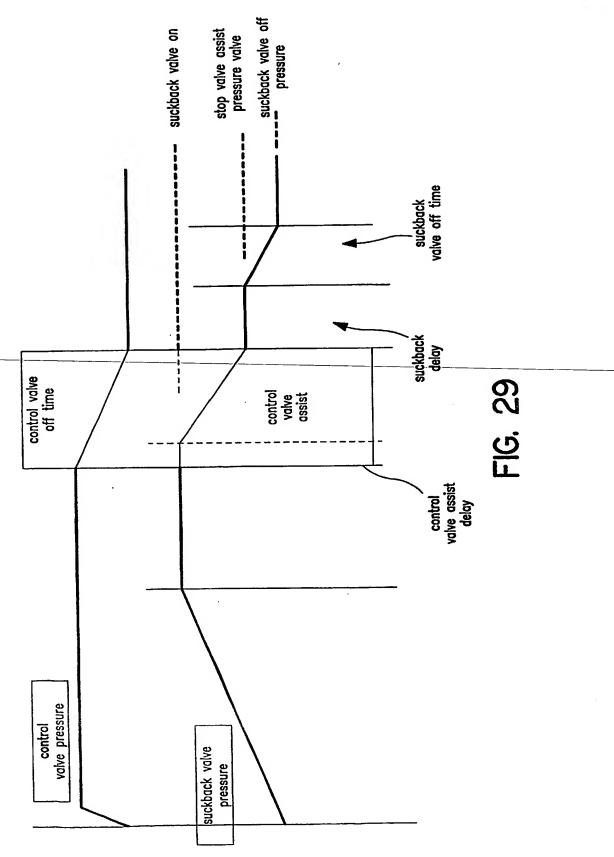
PCT/US2003/022579 10/520635



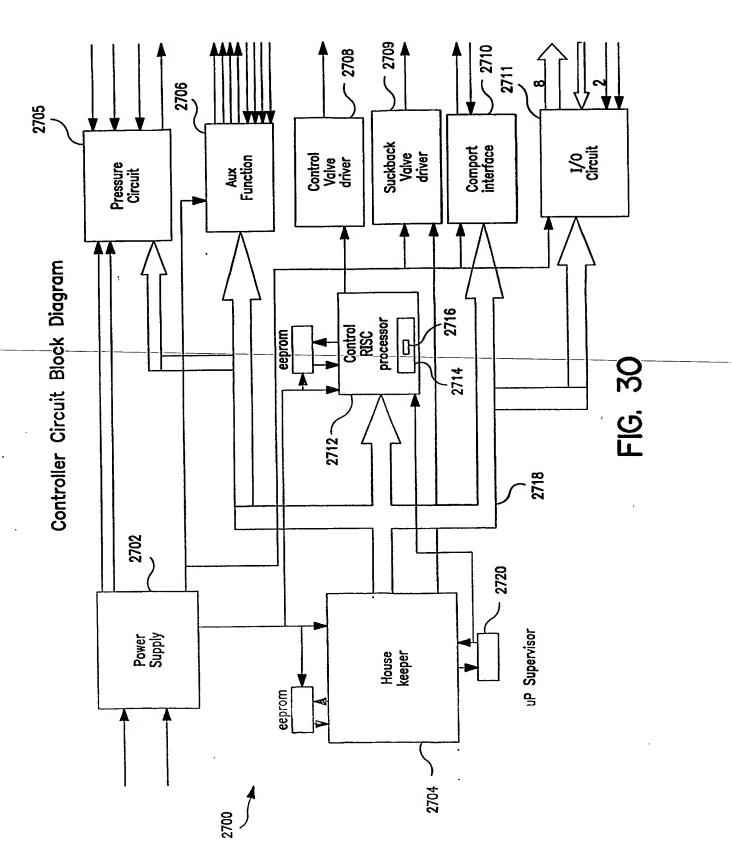
SUBSTITUTE SHEET (RULE 26)

FIG. 28A

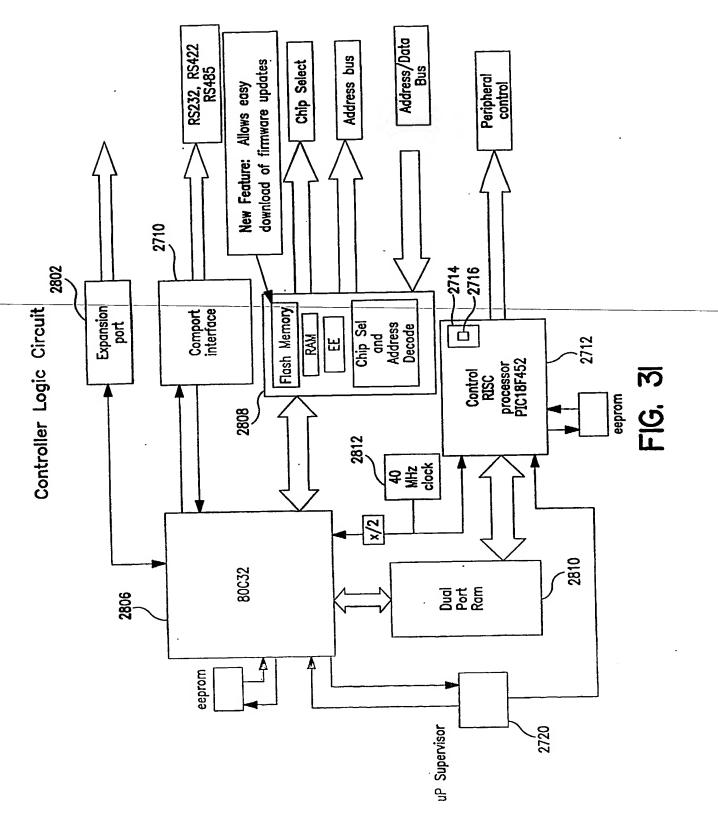




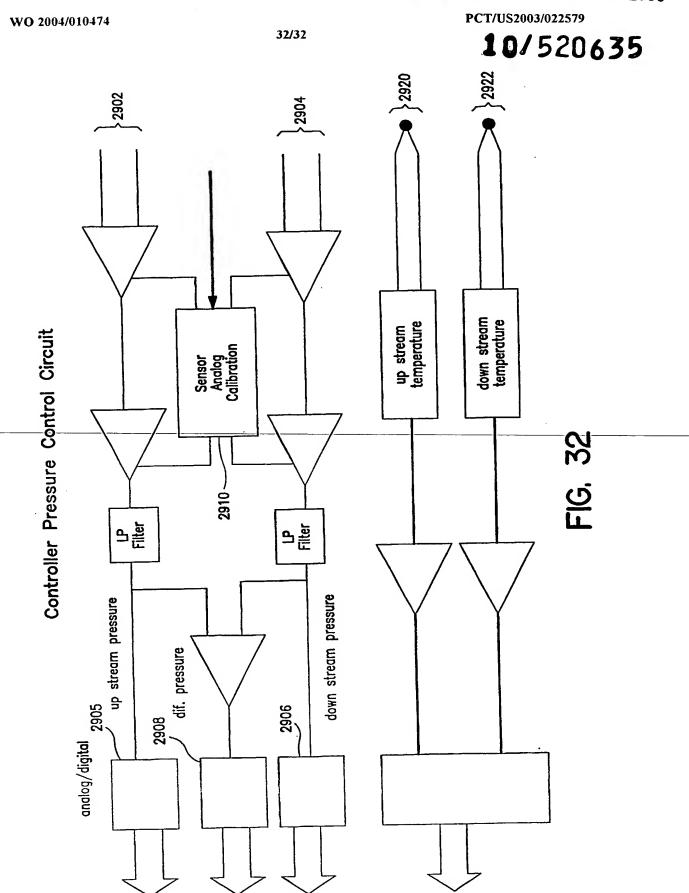
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